AMENDMENTS TO THE CLAIMS

1. (Currently Amended) Wheel for goods wagons, with a measuring circle diameter of 330 mm to 760 mm, said wheel profile being defined by an inner wheel rim or tire front face, an inner wheel flange flank, a top of the wheel flange, an outer wheel flange flank, a groove of a running profile, a running surface, a gradient of an outer running surface section, an outer bevelling of the running profile, and an outer wheel rim or tire front face, wherein the wheel profile in the region of the groove of the running profile and of the running surface is described by the following coordinates ($X_{1 \text{ to } 4}$, $Y_{1 \text{ to } 4}$) in a solid coordinate system whose origin (x = 0, y = 0) lies in a measuring circle plane, which coordinates lie between the ranges of values indicated:

	X_{max}	X_{min}	Delta X		Y_{max}	Y_{min}	Delta Y
X_1	-39.791	-43.979	4.189	Y_1	15.683	14.189	1.494
X_2	-29.109	-32.173	3.064	Y_2	3.823	3.459	0.364
X_3	-15.398	-17.018	1.621	Y_3	1.098	0.994	0.105
X_4	-4.042	-4.468	0.426	Y_4	0.223	0.201	0.021

2. (Currently Amended) Wheel according to claim 1, wherein the wheel profile in the region of the groove of the running profile and running surface is described by the following coordinates ($X_{1 \text{ to } 4}$, $Y_{1 \text{ to } 4}$) in the solid coordinate system, which coordinates lie between the ranges of values indicated:

	X_{max}	X_{min}	Delta X		Y_{max}	Y_{min}	Delta Y
X_1	-40.628	-43.142	2.513	Y_1	15.384	14.488	0.896
X_2	-29.722	-31.560	1.838	Y_2	3.750	3.532	0.218
X_3	-15.722	-16.694	0.972	Y_3	1.077	1.015	0.063
X_4	-4.127	-4.383	0.255	Y_4	0.218	0.206	0.013

3. (Previously Presented) Wheel according to claim 1, wherein areas of the wheel profile lying between the individual coordinates are described by circle segments, wherein the course of the profile between the circle segments is constant.

4. (Previously Presented) Wheel according to claim 1, wherein the groove of the running profile is described by a circle segment whose radius is between 15 mm and 18 mm.

5. (Previously Presented) Wheel according to claim 1, wherein an area of the running surface which is described by a circle segment whose radius is between 80 mm and 84 mm connects to the groove of the running profile.

6. (Previously Presented) Wheel according to claim 5, wherein an area adjoining the area of the running surface which adjoins the groove of the running profile connects to an area which is described by a circle segment whose radius is between 300 mm and 305 mm.

7. (Previously Presented) Wheel set with wheels according to claim 1, wherein the wheel set has a wheel size which is between 1420 mm and 1425 mm.

8. (Currently Amended) Wheel for goods wagons with a measuring circle diameter of 760 mm to 1000 mm, having a wheel profile defined by an inner wheel rim or tire front face, an inner wheel flange flank, a top of the wheel flange, a outer wheel flange flank, a groove of a running profile, a running surface, an inclination of an outer running surface section, an outer bevelling of the running profile, and an outer wheel rim or tire front face, wherein the wheel profile in the region of the groove of the running profile and running surface is defined by the following coordinates ($X_{1 \text{ to } 4}$, $Y_{1 \text{ to } 4}$) in the solid coordinate system whose origin (x = 0, y = 0) lies in the measuring circle plane, which coordinates lie between the ranges of values indicated:

	X_{max}	X_{min}	Delta X		Y_{max}	Y_{min}	Delta Y
X_1	-37.311	-41.239	3.928	Y_1	14.157	12.808	1.348
X_2	-27.028	-29.873	2.845	Y_2	3.693	3.341	0.352
X_3	-13.175	-14.561	1.387	Y_3	0.954	0.863	0.091
X_4	-2.342	-2.589	0.247	Y_4	0.129	0.117	0.012

9. (Currently Amended) Wheel according to claim 8, wherein the wheel profile in the region of the groove of the running profile and running surface is described by the following coordinates ($X_{1 \text{ to } 4}$, $Y_{1 \text{ to } 4}$) in the solid coordinate system, which coordinates lie between the ranges of values indicted:

	X_{max}	X_{min}	Delta X		Y_{max}	Y_{min}	Delta Y
X_1	-38.097	-40.453	2.357	Y_1	13.887	13.078	0.809
X_2	-27.597	-29.304	1.707	Y_2	3.623	3.411	0.211
X_3	-13.452	-14.284	0.832	Y_3	0.936	0.881	0.055
X_4	-2.392	-2.539	0.148	Y_4	0.127	0.120	0.007

10. (Previously Presented) Wheel according to claim 8, wherein areas of the wheel profile lying between the individual coordinates are described by circle segments, wherein the course of the profile between the circle segments is constant.

11. (Previously Presented) Wheel according to claim 8, wherein the groove of the running profile is described by a circle segment whose radius is between 15 mm and 18 mm.

12. (Previously Presented) Wheel according to claim 8, wherein an area of the running surface, which is described by a circle segment whose radius is between 80 mm and 84 mm, is connected to the groove of the running profile.

13. (Previously Presented) Wheel according to claim 12, wherein an area adjoining the area of the running surface which adjoins the groove of the running profile connects to an area which is described by a circle segment whose radius is between 300 m and 305 mm.

14. (Previously Presented) Wheel set with wheels according to claim 8, wherein the wheel set has a wheel size which is between 1420 mm and 1425 mm.

15. (Previously Presented) Wheel set according to claim 1, wherein the measuring circle diameters is 380 mm.

16. (Previously Presented) Wheel According to claim 8, wherein the measuring circle diameter is 920 mm.